

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) & 1.97(c))

Docket No.  
**15689.61**

In Re Application Of: Yukihiko Okumura et al.

SEP 23 2004

Application No. <b>09/701,705</b>	Filing Date <b>December 1, 2000</b>	Examiner Unknown	Customer No. <b>022913</b>	Group Art Unit <b>2661</b>	Confirmation No. <b>Unknown</b>
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Title: CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD, AND  
FADING FREQUENCY DECISION DEVICE AND METHOD

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SEP 29 2004

Address to:  
**Commissioner for Patents**  
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Alexandria, VA 22313-1450

**Technology Center 2600**

**37 CFR 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

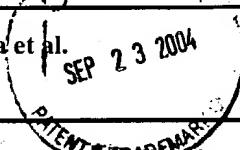
the fee set forth in 37 CFR 1.17(p).

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) (op 1.97(e))

Docket No.  
 15689.61

In Re Application: Yukihiko Okumura et al.



Application No.	Filing Date	Customer No.	Group Art Unit	Confirmation No.
09/701,705	December 1, 2000	Unknown	022913	2661

Title: CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD  
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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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  - Charge the amount of \_\_\_\_\_.
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  - Charge any additional fee required.
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Signature

Dated: September 23 2004

Adrian J. Lee

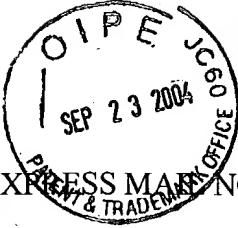
Reg. No.: 42,785

Attorney for Applicant

CC:



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09-24-04

2661

EXPRESS MAIL NO. EV 525475142 US

PATENT APPLICATION  
Docket No: 15689.61

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yukihiko OKUMURA et al.

Serial No.: 09/701,705

Art Unit

Filing Date: December 1, 2000

2661

For: CHANNEL ESTIMATION DEVICE AND  
METHOD, DEMODULATION DEVICE AND  
METHOD, AND FADING FREQUENCY  
DECISION DEVICE AND METHOD

Customer No.: 022913

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

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Alexandria, VA 22313-1450

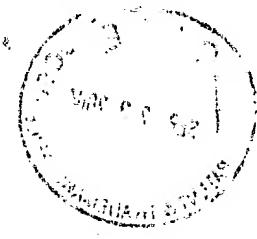
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Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which



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the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

Since all listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

DATED September 23, 2004.

Respectfully submitted,



Adrian J. Lee  
Attorney for Applicant  
Registration No. 42,785  
Customer No. 022913

AJL: ds  
DS0000002546V001

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Yukihiko Okumura et al.

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Application No.  
09/701,705Filing Date  
December 1, 2000O I P T  
SEP 23 2004  
PATENT & TRADEMARK OFFICEExaminer  
UnknownCustomer No.  
022913Group Art Unit  
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Invention: CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD, AND FADING FREQUENCY DECISION DEVICE AND METHOD

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Adrian J. Lee

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Form PTO-1449 Listing of References (1 page);  
Legible Copy of References; (3 references)  
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